

Human glycoprotein Ib (platelet) , alpha polypeptide ELISA Kit | GP1BA elisa kit

Human Glycocalicin ELISA Kit

CATALOG #
AAA15222

REACTIVITY
Human

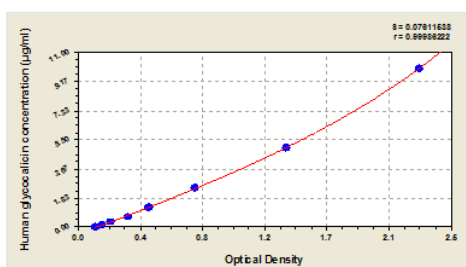
PRODUCT SYNONYMS

glycoprotein Ib (platelet); alpha polypeptide; Human Glycocalicin ELISA Kit; Human Glycocalicin ELISA kit; BSS; CD42B; CD42b-alpha; GP1B; MGC34595; platelet glycoprotein Ib alpha polypeptide; platelet membrane glycoprotein Ib-alpha subunit; GP1BA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human glycocalicin. No significant cross-reactivity or interference between human glycocalicin and analogues was observed.
Sequence Length	652
Samples	Serum, plasma, tissue homogenates
Detection Range	0.156 ug/ml -10 ug/mL
Sensitivity	<0.039 µg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP1BA elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for glycocalicin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any glycocalicin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for glycocalicin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of glycocalicin bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291190772
NCBI GeneID	2811
NCBI Accession #	NP_000164.5
NCBI GenBank Nucleotide #	NM_000173.5
UniProt Accession #	P07359; Q14441; Q16469; Q8N1F3; Q8NG39; Q9HDC7; Q9UEK1; Q9UQS4; E7ES66
Molecular Weight	71,540 Da
NCBI Official Full Name	platelet glycoprotein Ib alpha chain
NCBI Official Synonym Full Names	glycoprotein Ib (platelet), alpha polypeptide
NCBI Official Symbol	GP1BA
NCBI Official Synonym Symbols	BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; CD42b-alpha
NCBI Protein Information	platelet glycoprotein Ib alpha chain; GP-Ib alpha; antigen CD42b-alpha; platelet membrane glycoprotein 1b-alpha subunit
UniProt Protein Name	Platelet glycoprotein Ib alpha chain
UniProt Gene Name	GP1BA
UniProt Synonym Gene Names	GP-Ib alpha; GPIb-alpha; GPIbA; Glycoprotein Ibalpha
UniProt Entry Name	GP1BA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gp1ba-human-elisa-kits/glycoprotein-ib-platelet-alpha-polypeptide/15222>